

**Trade and Industrial Education**  
**Course: Masonry II**  
**Course Code # 5736**  
**2 Credit**

**School Year** \_\_\_\_\_

**Term:** \_\_\_\_ **Fall** \_\_\_\_ **Spring**

Student:	Grade:
Teacher:	School:
Number of Competencies in Course: <b>28</b>	
Number of Competencies Mastered:	
Percent of Competencies Mastered:	

**STANDARD 1.0: Students will demonstrate leadership, citizenship, and teamwork skills required for success in the school, community, and workplace.**

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
1.1	Demonstrate leadership skills.			
1.2	Use problem-solving techniques to address and propose solutions to school, community, and workplace problems.			
1.3	Demonstrate the ability to work professionally with others.			
1.4	Participate in SkillsUSA-VICA as an integral part of instruction.			

**STANDARD 2.0: Students will take personal responsibility for the safety of themselves, their coworkers, and bystanders.**

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
2.1	Exhibit and encourage in others a positive attitude regarding safety practices and issues.			
2.2	Habitually inspect and use appropriate personal protective equipment for assigned tasks.			
2.3	Inspect, maintain, and employ safe operating procedures with tools and equipment, such as electrical test equipment, lifting equipment, powder actuated drivers, and high pressure gas containers.			
2.4	Exhibit a well-developed awareness of potential hazards to themselves and others.			
2.5	Carry out responsibilities under HazCom (Hazard Communication) regulations.			
2.6	Take action to protect coworkers and bystanders from hazards as required by regulations, and company policies.			
2.7	Report accidents and observed hazards and execute emergency response procedures as required by regulations and company policies.			
2.8	Demonstrate appropriate related safety procedures.			
2.9	Pass with 100 % accuracy a written examination relating to safety issues.			
2.10	Pass with 100% accuracy a performance examination relating to safety.			
2.11	Maintain a portfolio record of written safety examinations and equipment examinations for which the student has passed an operational checkout by the instructor.			

**STANDARD 3.0: Students will interpret, lay out, and fabricate in conformance to construction drawings and written specifications.**

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
3.1	Scale dimensions that are not explicitly included in construction drawings.			
3.2	Interpret plan and elevation views shown in construction drawings.			
3.3	Recognize and interpret lines and symbols commonly used in construction drawings.			

**STANDARD 4.0: Students will analyze masonry designs for non-load-bearing walls in commercial structures.**

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
4.1	Analyze lateral loads on high-rise building walls.			
4.2	Compare and contrast panel and curtain masonry walls.			
4.3	Determine the reinforcement and connection methods required to resist and transfer lateral loads from panel and curtain loads to the building frame.			
4.4	Comprehend the function, use, and construction of control and expansion joints in masonry walls.			
4.5	Comprehend moisture control methods used with panel and curtain walls.			

**STANDARD 5.0: Students will develop construction plans and schedules..**

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
5.1	Analyze tasks required to execute construction projects.			
5.2	Create and document plans and schedules for construction projects.			

**STANDARD 6.0: Students will construct masonry arches.**

Learning Expectations		Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
6.1	Compare and contrast common forms of arches.			
6.2	Comprehend the theory and terminology of arch design.			
6.3	Demonstrate arch form construction and masonry layup.			

Additional Comments \_\_\_\_\_